FLOCK SAFETY EQUIPMENT INSTALLATION

CASE NUMBER: 1122909

PERMITTING JURISDICTION:

COUNTY OF NEW HANOVER

STATE OF NORTH CAROLINA
COUNTY OF NEW HANOVER

ON BEHALF OF

NEW HANOVER COUNTY SHERIFF'S OFFICE

CONTACT LIST

PERMITTING

KATELYN KILLIAN
KATELYN.KILLIAN@FLOCKSAFETY.COM

PROJECT MANAGER

HEATHER PHILLIPS
HEATHER.PHILLIPS@FLOCKSAFETY.COM

*SEE APPROVED PERMIT FOR LISTED INSPECTOR**

DRAWING INDEX

T.01	COVER SHEET & LOCATION MAPS
T.02	SYMBOLOGY & ABBREVIATIONS
GN.01	GENERAL NOTES
A.01	PLAN DRAWINGS
SPEC.01 - SPEC.03	EQUIPMENT AND FOUNDATION DETAILS
TCP-GN.01	TRAFFIC CONTROL NOTES & TABLES
TCP.01	TRAFFIC CONTROL PLAN

811

SAFETY IS IN YOUR HANDS.
EVERY DIG. EVERY TIME.

[THIS SPACE LEFT INTENTIONALLY BLANK FOR STAMP]

NEW HANOVER COUNTY SHERIFF'S OFFICE

230 GOVERNMENT CENTER DR,
WILMINGTON, NC 28403

flock safety

1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

REV	DATE	BY	DESCRIPTION
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
0	07/14/2025	MFR	PRELIM

I HEARBY CERTIFY THIS DOCUMENT WAS PREPARED BY MYSELF OR UNDER MY DIRECT SUPERVISION THAT I AM A DULY REGISTERED ENGINEER UNDER THE LAWS OF THE STATE OF NORTH CAROLINA.

[THIS SPACE LEFT INTENTIONALLY BLANK FOR STAMP]

FLOCK SAFETY EQUIPMENT INSTALLATION

CASE NUMBER: 1122909
PERMITTING JURISDICTION:
COUNTY OF NEW HANOVER

COVER SHEET & LOCATION MAPS

SHEET:	REV:
T.01	0

THIS DOCUMENT HAS BEEN DRAWN BASED OFF THE MOST RECENT AVAILABLE DATA & AERIAL IMAGERY. THIS INCLUDES RIGHT OF WAY, EXISTING UTILITIES, & PRIVATE PROPERTY LINES. IT REMAINS THE RESPONSIBILITY OF OTHERS TO VERIFY ALL DATA PRIOR AND EXISTING SURRONDING FACILITIES TO VERIFY & CONFLICTS ABOVE & BELOW GRADE.
ALL CONSTRUCTION TO FOLLOW COUNTY OF NEW HANOVER GENERAL GUIDELINES. DO NOT SCALE DRAWINGS. CALL 811 PRIOR TO DIGGING.

LINETYPES

R/W — R/W	RIGHT OF WAY
EOP — EOP	EDGE OF PAVEMENT
SW	SIDEWALK
C/L	CENTERLINE
GAS — GAS	GAS
WTR — WTR	WATER
COMM — COMM	TELEPHONE
ELEC — ELEC	ELECTRIC
SEW — SEW	SANITARY SEWER (SEW)
SD — SD	STORM DRAIN
X — X	FENCE / GUARDRAIL
UNK — UNK	UNKNOWN UTILITY
	RAILROAD

SYMBOLOGY

CAMERA - PROPOSED	
CAMERA - EXISTING	
AUDIO DETECTION - PROPOSED	
AUDIO DETECTION - EXISTING	
POLE - PROPOSED	
POLE - EXISTING	
HANDHOLE - EXISTING	
HANDHOLE - PROPOSED	
PEDESTAL - EXISTING	
MANHOLE - EXISTING	
POINT OF INTEREST	
ACCESS POINT	
CULVERT - EXISTING	
FIRE HYDRANT - EXISTING	
WATER MAIN - EXISTING	
WATER VALVE - EXISTING	
GAS VALVE - EXISTING	
DOWN GUY AND ANCHOR	
OVERHEAD GUY	
BORING REQUIRED	
UG CONDUIT - EXISTING	

ABBREVIATIONS

ABAND	Abandoned
AASHTO	American Association of State Highway and Transportation Officials
ADA	Americans with Disabilities Act
ALPR	Automatic License Plate Reader
APPROX	Approximate
ASPH	Asphalt
BLDG	Building
CL	Centerline
CMP	Corrugated Metal Pipe
CO	County
CONC	Concrete
CSG	Casing
CT	Count
CULV	Culvert
DB	Directional Bore
DBH	Diameter at Breast Height
D.D.	Down Drain
DEPT	Department
DIA	Diameter
DIR	Directional
DIST	District
DOC	Depth of Cover
DOT	Department of Transportation
DWG	Drawing
DWY	Driveway
E MH	Electric Manhole
E MKR	Electric Line Marker
E PED	Electric Pedestal
E VLT	Electric Vault
EM	Electric Meter
ENC	Encased
ENG	Engineering
EOP	Edge of Pavement
EPB	Electric Pull Box
EXIST	Existing
FDH	Fiber Distribution Hub
FDT	Fiber Distribution Terminal
FH	Fire Hydrant
FO	Fiber Optic
FO MH	Fiber Optic Manhole
FO MKR	Fiber Optic Line Marker
FO VLT	Fiber Optic Vault
FOC	Face of Curb
FS	Filter Sock
G MH	Gas Manhole
G MKR	Gas Line Marker
G SD	Grated Storm Drain
GALV	Galvanized
GEO SRV MKR	Geodetic Survey Marker
GM	Gas Meter
GV	Gas Valve
GWMW	Groundwater Monitoring Well
HDPE	High Density Polyethylene
HH	Handhole
HWY	Highway
I.P.	Inlet Protection
ILA	In Line Amplifier
INC	Incorporated
INT	Intermediate
L/A ROW	Limited Access Right of Way
LF	Linear Feet
LOC MKR	Locating Marker
LP	Light Pole
LRFD	Load and Resistance Factor Design
MAX	Maximum
MB	Mailbox
MH	Manhole
MIN	Minimum
MIT	Mitigation
MKR	Marker
MMV	Meet Me Vault
MON	Monument
MOT	Maintenance of Traffic
NO	Number
OC	Open Cut
PRK MTR	Parking Meter
P/L	Property Line
PED	Pedestal
PI	Point of Inflection
PKG	Package
PVC	Polyvinyl Chloride
RCB	Reinforced Concrete Box
RCP	Reinforced Concrete Pipe
RD MEM	Roadside Memorial
REQD	Required
RGS	Rigid Galvanized Steel
ROW	Right of Way
RR	Railroad
SCB	Sprinkler Control Box
SD	Storm Drain/Curb Inlet
SDMH	Storm Water Manhole
SEC.	Section
SF	Silt Fence
SMH	Sanitary Sewer Manhole
SPL	Splice
SS CO	Sanitary Sewer Clean Out
SS LIFT	Sanitary Sewer Lift Station
STA.	Station
STD	Standard
STR	Section Township Range
SWPPP	Storm Water Pollution Prevention Plan
T HH	Telecom Handhole
T MH	Telecom Manhole
T MKR	Telecom Line Marker
T PED	Telecom Pedestal
T VLT	Telecom Access Vault
T.P.	Trench Plug
TCB	Traffic Control Box
TCE	Temporary Construction Easement
TCV	Traffic Control Vault
TRF MH	Traffic Control Manhole
TSO	The Stationery Office
TSP	Traffic Signal Light
TYP	Typical
UG	Underground
UNK MH	Unknown Manhole
UNK PED	Unknown Pedestal
UNK UTL MKR	Unknown Utility Marker
UNK VLT	Unknown Vault
UTL LP	Utility Light Pole
UTL P	Utility Pole
VLT	Vault
VP	Gas Vent Pipe
W MH	Water Manhole
W MKR	Water Line Marker
W SPG	Water Spigot
W VLT	Water Vault
WM	Water Meter
WV	Water Valve

[THIS SPACE LEFT INTENTIONALLY BLANK FOR STAMP]

NEW HANOVER COUNTY SHERIFF'S OFFICE

230 GOVERNMENT CENTER DR,
WILMINGTON, NC 28403

flock safety

1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

REV	DATE	BY	DESCRIPTION
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
0	07/14/2025	MFR	PRELIM

I HEARBY CERTIFY THIS DOCUMENT WAS PREPARED BY MYSELF OR UNDER MY DIRECT SUPERVISION THAT I AM A DULY REGISTERED ENGINEER UNDER THE LAWS OF THE STATE OF NORTH CAROLINA.

[THIS SPACE LEFT INTENTIONALLY BLANK FOR STAMP]

FLOCK SAFETY EQUIPMENT INSTALLATION

CASE NUMBER: 1122909
PERMITTING JURISDICTION:
COUNTY OF NEW HANOVER

COVER SHEET & LOCATION MAPS

SHEET:	REV:
T.02	0

THIS DOCUMENT HAS BEEN DRAWN BASED OFF THE MOST RECENT AVAILABLE DATA & AERIAL IMAGERY. THIS INCLUDES RIGHT OF WAY, EXISTING UTILITIES, & PRIVATE PROPERTY LINES. IT REMAINS THE RESPONSIBILITY OF OTHERS TO VERIFY ALL DATA PRIOR AND EXISTING SURRONDING FACILITIES TO VERIFY & CONFLICTS ABOVE & BELOW GRADE.
ALL CONSTRUCTION TO FOLLOW COUNTY OF NEW HANOVER GENERAL GUIDELINES. DO NOT SCALE DRAWINGS. CALL 811 PRIOR TO DIGGING.

GENERAL & CONSTRUCTION NOTES

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH STATE AND LOCAL AGENCY SPECIFICATIONS UNLESS SPECIFICALLY STATED OR SHOWN OTHERWISE HEREIN.
2. ALL WORK SHALL CONFORM TO ALL APPLICABLE ELECTRICAL CODES EXCEPT WHEN STATE DEPARTMENT OF TRANSPORTATION AND LOCAL AGENCY STANDARDS SUPERSEDE.
3. CONTRACTOR SHALL ENSURE ALL PROPOSED EQUIPMENT INSTALLED IS IN ACCORDANCE WITH NESC REQUIREMENTS AND CLEARANCES.
4. ALL CONSTRUCTION AND/OR MAINTENANCE ON THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RIGHT OF WAY SHALL CONFORM TO THE FEDERAL MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION ROADWAY AND TRAFFIC DESIGN STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, PLANS PREPARATION MANUAL AND DRAINAGE MANUAL.
5. THE PERMITTING AGENCY RESERVES THE RIGHT TO MAKE ADJUSTMENTS TO ANY PERMITTED METHODS OF INSTALLATION, SCOPE OF WORK AND RESTORATION THAT MAY BE REQUIRED TO POSITIVELY SUPPORT LIFE, SAFETY AND ENVIRONMENTAL WELL BEING OF ALL USERS OF THE TRANSPORTATION SYSTEM.
6. SHOULD A CONFLICT ARISE BETWEEN THE DETAILS SHOWN IN THE PLANS AND THE DEPARTMENT OF TRANSPORTATION STANDARDS, THE ENGINEER/PERMITTEE SHALL IMMEDIATELY CONFER WITH THE DEPARTMENT'S ENGINEER IN ORDER TO RESOLVE THE DISCREPANCY. IN NO CASE WILL ANYTHING LESS THAN THE DEPARTMENTS MINIMUM STANDARDS BE ALLOWED.
7. FLOCK SAFETY SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES 48 HOURS PRIOR TO CONSTRUCTION.
   7.1. INSTALLS INVOLVING FLOCK SAFETY PROVIDED POLES, A MINIMUM OF 2' SEPARATION SHALL BE MAINTAINED FROM ALL EXISTING UTILITIES AND STORM DRAIN STRUCTURES.
8. THE PERMITTED WORK SCHEDULE IS DEFINED AS MONDAY THROUGH FRIDAY 7:00AM TO 5:30PM UNLESS OTHERWISE NOTED WITHIN THE PERMIT. ANY WORK DESIRED OUTSIDE OF THIS PERIOD MUST BE REQUESTED IN ADVANCE AND APPROVED BEFORE WORKING THE ALTERNATE SCHEDULE.
9. FLOCK SAFETY SHALL BE RESPONSIBLE TO APPLY AND OBTAIN AN APPROVED TRAFFIC CONTROL PLAN IN ACCORDANCE WITH MUTCD AND LOCAL STANDARDS AS REQUIRED.
10. WORK INVOLVING TEMPORARY LANE CLOSURES ARE TO BE DONE BETWEEN THE HOURS OF 8:00AM AND 5:00PM. MONDAY THROUGH FRIDAY UNLESS OTHERWISE STATED BY THE DEPARTMENT OF TRANSPORTATION.
11. CONTRACTOR SHALL PROVIDE SAFE ACCESS PER CURRENT GENERAL STANDARDS FOR ALL PEDESTRIAN TRAFFIC REGULATIONS ON ALL EXCAVATIONS OPENED IN THE TRAFFIC ZONE CONTROL AREA.
12. NO PEDESTRIAN PATHWAY IS TO BE REMOVED, BLOCKED, OR DISTURBED WITHOUT HAVING A SUFFICIENT DESIGNATED TEMPORARY PEDESTRIAN PATHWAY WITH ALL APPROPRIATE PEDESTRIAN MAINTENANCE OF TRAFFIC SIGNS IN PLACE PRIOR TO PATHWAY BEING AFFECTED.
   12.1. ALL TEMPORARY PEDESTRIAN PATHWAYS MUST BE FIRM AND UNYIELDING.
13. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTY IN THE VICINITY OF THE CONSTRUCTION.
14. NO WORK SHALL BE PERFORMED DURING THE WEEKS OF ANY STATE OR FEDERAL HOLIDAYS UNLESS OTHERWISE APPROVED BY THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION.
15. ALL WORK ZONES ARE TO BE SET UP AND MAINTAINED BY SOMEONE WHO HAS THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION INTERMEDIATE TRAFFIC CONTROL LEVEL TRAINING OR EQUIVALENT.
16. THE PERMITTING AGENCY RETAINS THE RIGHT TO MAKE ALTERATIONS TO THE PERMIT, ATTACHED SKETCH OR CHARACTER OF WORK AS MAY BE CONSIDERED NECESSARY OR DESIRABLE DURING THE PROGRESS OF THE WORK FOR SATISFACTORY COMPLETION OF THE PROPOSED CONSTRUCTION.
17. THE PERMITTEE SHALL NOTIFY THE PERMITTING AGENCY OF DATE OF COMPLETION, REQUEST A FINAL INSPECTION AND A NOTICE OF FINAL ACCEPTANCE.
18. IF THE PROPOSED CANNOT BE INSTALLED PER THE APPROVED PERMITTED PLAN AND BY GENERAL SPECIFICATIONS, A REVISED PLAN MUST BE PROVIDED TO THE DEPARTMENT FOR REVIEW AND APPROVAL PRIOR TO THE INSTALLATION OF PRODUCTS OR MATERIALS AT THE GIVEN LOCATIONS WHERE CONFLICTS OCCUR.
19. CONTRACTOR SHALL RESTORE RIGHT-OF-WAY TO EQUAL OR BETTER CONDITION UPON COMPLETION OF WORK AND TO THE SATISFACTION OF THE STATE DEPARTMENT OF TRANSPORTATION AND LOCAL AGENCY AT NO ADDITIONAL COMPENSATION.
   19.1. RESTORATION MAY INCLUDE BUT IS NOT LIMITED TO GRADING AND SODDING IN ANY DISTURBED AREA.
   19.2. ANY SIDEWALK DISTURBED WILL BE REPLACED BY SECTION WITHIN 72 HOURS TO THE STATE DEPARTMENT OF TRANSPORTATION SPECIFICATIONS.
20. IT WILL BE THE RESPONSIBILITY OF THE PERMITTEE TO REPAIR ANY DAMAGE TO GENERAL FACILITIES AND/OR PRIVATE PROPERTY CAUSED BY CONSTRUCTION OF THE PROJECT.
21. ALL ROADWAY PAVEMENT, CURBS,GUTTERS AND STORM WATER COLLECTORS WILL BE KEPT FREE OF MUD AND OTHER DEBRIS AT ALL TIMES DURING CONSTRUCTION.
22. NO STOCKPILING, STORING OR SEMI PERMANENT USE OF THE RIGHT OF WAY IS AUTHORIZED UNLESS SPECIFICALLY IDENTIFIED WITHIN THE PERMIT.
23. THE CONTRACTOR SHALL HAVE AN AUTHORIZED PERSON AVAILABLE AT/OR NEAR THE WORK SITE TO ADDRESS EMERGENCY ISSUES ASSOCIATED WITH THE PROJECT.

ADA COMPLIANCE NOTES:

1. ALL SIDEWALK CONSTRUCTION SHALL BE IN ACCORDANCE WITH ADA TITLE II AND ALL STATE DEPARTMENT OF TRANSPORTATION AND LOCAL STANDARDS. USE STATE DEPARTMENT OF TRANSPORTATION CURRENT EDITION STANDARDS FOR PEDESTRIAN CONTROL PLANS FOR CLOSURE OF SIDEWALK.
2. MINIMUM SIDEWALK CLEAR PEDESTRIAN ACCESS ROUTE (PAR) IS 48" WIDE.
3. NO OBSTRUCTION IS PERMITTED ALONG THE WIDTH OF THE SIDEWALK UP TO 7'-0" IN HEIGHT.

DRAWINGS

1. THE WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE FOLLOWING ATTACHED DRAWINGS THAT ARE HEREBY MADE A PART OF THE STATEMENT OF WORK, BY THIS REFERENCE.

SPECIFICATIONS

1. THE WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE SPECIFICATIONS CONTAINED IN THAT CERTAIN "MASTER AGREEMENT, OUTSIDE PLANT MAINTENANCE CONSTRUCTION SERVICES," PROVIDED THAT SUCH AN AGREEMENT EXISTS BETWEEN FLOCK SAFETY AND CONTRACTOR. IN THE ABSENCE OF SUCH AN AGREEMENT, THE SPECIFICATIONS CONTAINED IN AN AGREEMENT TO BE EXECUTED BY THE PARTIES PRIOR TO THE COMMENCEMENT OF WORK SHALL GOVERN.

MATERIALS

1. INSTALLER SHALL RECEIVE FLOCK SAFETY MATERIALS AT A FLOCK SAFETY LEASED WAREHOUSE FACILITY OR AT THE LOCAL TSO LOCATED AT (CONTACT 24 HOURS IN ADVANCE): 1170 HOWELL MILL RD NW, ATLANTA, GA 30318.
   1.1. ALL UNUSED AND REQUESTED SALVAGED MATERIAL TO BE RETURNED TO SAME ADDRESS.
2. THE RECEIPT OF ALL MATERIALS SHALL BE CONSTRUED AS CONCLUSIVE EVIDENCE THAT THE CONTRACTOR HAS MADE ALL NECESSARY EXAMINATION AND INSPECTIONS, AND IS SATISFIED AS TO THE QUALITY AND QUANTITY OF MATERIALS RECEIVED.
3. ANY AND ALL MATERIALS THAT MAY BECOME LOST, STOLEN OR DAMAGED SHALL BE REPLACED BY THE CONTRACTOR AT HIS SOLE EXPENSE, AND ANY DELAY INCURRED SHALL NOT BE CAUSE FOR AN EXTENSION IN TIME

SAFETY AND PRECAUTIONS

1. ALL PERSONNEL ARE REQUIRED TO ABIDE BY ALL RULES AND REGULATIONS SET FORTH IN THE FLOCK SAFETY REQUIREMENTS, RAILROAD SAFETY CODE AND GOVERNING JURISDICTION.
2. THE WORK UNDER THIS INSTALLATION WILL BE CONSTRUCTED ALONG RIGHTS OF WAY THAT MAY CONTAIN EXISTING AND OPERATIONAL UTILITIES. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR LOCATING EXISTING UTILITIES AND FOR COMPLIANCE WITH THE REQUIREMENTS OF ANY STATEWIDE AND/OR LOCAL AREA IN ADVANCE OF ANY EXCAVATION, BORING OR PLACING WORK AND THE CONTRACTOR SHALL LOCATE AND EXPOSE BY HAND ALL EXISTING SUBSURFACE PLANT. ANY DAMAGE CAUSED BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT HIS SOLE EXPENSE AND ANY DELAY INCURRED SHALL NOT BE CAUSE FOR AN EXTENSION IN THE TIME OF THE CONTRACT.
3. INSTALLER SHALL BE RESPONSIBLE FOR THE PROTECTION AND MAINTENANCE OF PUBLIC AND PRIVATE PROPERTIES. INSTALLER SHALL PROTECT, SHORE, BRACE, SUPPORT AND MAINTAIN ALL UNDERGROUND PIPES, CONDUITS, DRAINS AND OTHER SUBSURFACE STRUCTURES UNCOVERED OR OTHERWISE AFFECTED BY THE WORK.
4. INSTALLER SHALL BE RESPONSIBLE FOR ALL DAMAGE TO STREETS, ROADS, HIGHWAYS, SHOULDERS, DITCHES, EMBANKMENTS, CULVERTS, BRIDGES OR OTHER PUBLIC OR PRIVATE PROPERTY OR FACILITY, REGARDLESS OF LOCATION OR CHARACTER, WHICH MAY BE CAUSED BY THE WORK, OR BY MOVING, HAULING, OR OTHERWISE TRANSPORTING EQUIPMENT, MATERIALS OR WORKERS TO OR FROM WORK OR ANY SITE THEREOF, WHETHER BY THE CONTRACTOR OR SUBCONTRACTORS.

STAKING AND SCHEDULING

1. ALL STAKING WILL BE PROVIDED BY FLOCK SAFETY. REQUIRED RIGHT OF WAY CLEARING SHALL BE COMPLETED PRIOR TO STAKING: THEREFORE, THE INSTALLER SHALL COORDINATE ALL CLEARING AND PLACING OPERATIONS WITH THE FLOCK SAFETY PROJECT SUPERVISOR TO AVOID DELAYS AND INTERFERENCE.
2. FLOCK SAFETY WILL PROVIDE RAILROAD, FLAGMEN AND SIGNALMEN AS REQUIRED; HOWEVER, THE CONTRACTOR SHALL BE REQUIRED TO COORDINATE ITS NEEDS FOR SUCH SIGNALMEN AND FLAGMEN WITH FLOCK SAFETY.
3. IN ADDITION TO THE SCHEDULING REQUIREMENTS IN THE GENERAL PROVISIONS, UPON REQUEST THE CONTRACTOR SHALL ALSO SUBMIT TO THE FLOCK SAFETY PROJECT SUPERVISOR, DAILY CREW ASSIGNMENT REPORTS SPECIFYING CREW AND CREW COMPOSITION AND WORK LOCATION.

PERMITS

1. FLOCK SAFETY HAS OBTAINED OR WILL OBTAIN PERMITS FROM DEPARTMENTS AND/OR AGENCIES OF CITIES, COUNTIES, STATES, FEDERAL GOVERNMENT, RAILROAD OR OTHER ENTITIES, WHICH PROVIDE FOR THE PLACING OF PIPES AND/OR CABLE UNDER DITCH, TRACKS AND ROADS AND PLACING PIPES AND/OR CABLE ALONG AND WITHIN PUBLIC OR PRIVATE ROAD RIGHTS OF WAY AND RAILROAD RIGHTS.
2. CONTRACTOR SHALL OBTAIN ADDITIONAL PERMITS, IF REQUIRED, FOR EQUIPMENT ACCESS OR MOVEMENT ON PUBLIC ROADS AND RAILROADS. COPIES OF SUCH PERMITS SHALL BE FURNISHED TO FLOCK SAFETY. ALL TRAFFIC CONTROL, IF APPLICABLE, SHALL BE IN ACCORDANCE WITH LOCAL, STATE, COUNTY, OR PERMITTING AGENCY LAWS, REGULATIONS, AND REQUIREMENTS, AND WILL BE THE CONTRACTOR'S RESPONSIBILITY. TRAFFIC CONTROL PLANS PROVIDED BY CURRENT NORTH CAROLINA DEPARTMENT OF TRANSPORTATION DESIGN STANDARDS.

SCOPE OF WORK

1. THIS PROJECT SHALL CONSIST OF THE FOLLOWING OPERATIONS: THE WORK PACKAGE IS FOR THE INSTALLATION OF FLOCK SAFETY EQUIPMENT WHICH INCLUDES BUT IS NOT LIMITED TO: FLOCK SAFETY PROVIDED POLES, POLE MOUNTED SOLAR PANELS, AND EXTERNAL BATTERY PACKAGES.

[THIS SPACE LEFT INTENTIONALLY BLANK FOR STAMP]

NEW HANOVER COUNTY SHERIFF'S OFFICE

230 GOVERNMENT CENTER DR,
WILMINGTON, NC 28403

flock safety

1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

REV	DATE	BY	DESCRIPTION
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
0	07/14/2025	MFR	PRELIM

I HEARBY CERTIFY THIS DOCUMENT WAS PREPARED BY MYSELF OR UNDER MY DIRECT SUPERVISION THAT I AM A DULY REGISTERED ENGINEER UNDER THE LAWS OF THE STATE OF NORTH CAROLINA.

[THIS SPACE LEFT INTENTIONALLY BLANK FOR STAMP]

FLOCK SAFETY EQUIPMENT INSTALLATION

CASE NUMBER: 1122909
PERMITTING JURISDICTION:
COUNTY OF NEW HANOVER

COVER SHEET & LOCATION MAPS

SHEET:	REV:
GN.01	0

THIS DOCUMENT HAS BEEN DRAWN BASED OFF THE MOST RECENT AVAILABLE DATA & AERIAL IMAGERY. THIS INCLUDES RIGHT OF WAY, EXISTING UTILITIES, & PRIVATE PROPERTY LINES. IT REMAINS THE RESPONSIBILITY OF OTHERS TO VERIFY ALL DATA PRIOR AND EXISTING SURRONDING FACILITIES TO VERIFY & CONFLICTS ABOVE & BELOW GRADE.
ALL CONSTRUCTION TO FOLLOW COUNTY OF NEW HANOVER GENERAL GUIDELINES. DO NOT SCALE DRAWINGS. CALL 811 PRIOR TO DIGGING.

LOCATION INFORMATION

PROPOSED FLOCK EQUIPMENT ON PROPOSED 12'-0" FLOCK POLE

P#030 GORDON RD @ OGDEN PARK DR - FIXED SOLAR

34.266114, -77.835541

23' FROM EDGE OF PAVEMENT

1 *REFERENCE TYPICAL DETAIL ON SHEET SPEC.01

[THIS SPACE LEFT INTENTIONALLY BLANK FOR STAMP]

NEW HANOVER COUNTY SHERIFF'S OFFICE

230 GOVERNMENT CENTER DR,
WILMINGTON, NC 28403

flock safety

1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

REV	DATE	BY	DESCRIPTION
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
0	07/14/2025	MFR	PRELIM

I HEARBY CERTIFY THIS DOCUMENT WAS PREPARED BY MYSELF OR UNDER MY DIRECT SUPERVISION THAT I AM A DULY REGISTERED ENGINEER UNDER THE LAWS OF THE STATE OF NORTH CAROLINA.

[THIS SPACE LEFT INTENTIONALLY BLANK FOR STAMP]

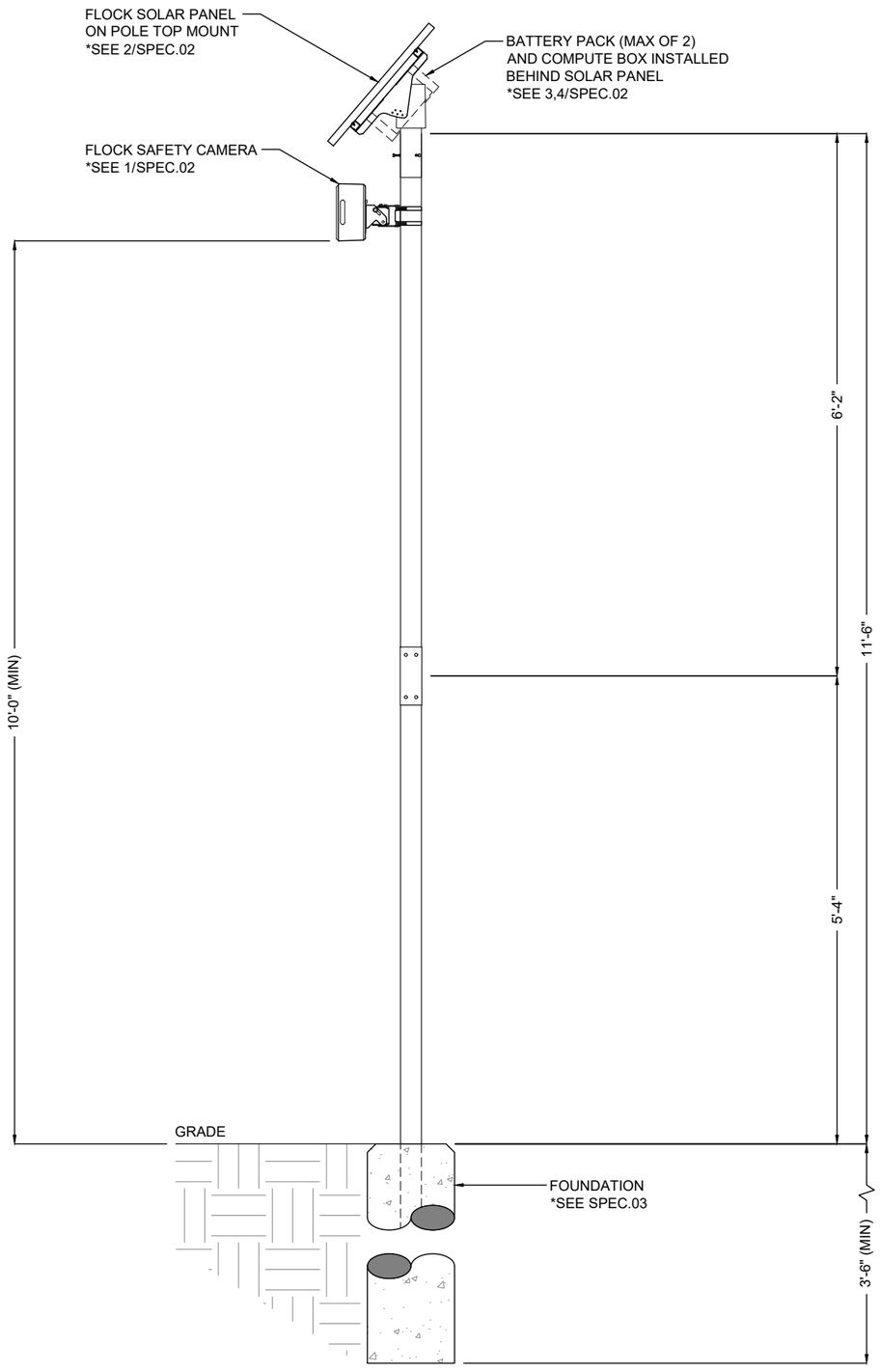
FLOCK SAFETY EQUIPMENT INSTALLATION

CASE NUMBER: 1122909
PERMITTING JURISDICTION:
COUNTY OF NEW HANOVER

COVER SHEET & LOCATION MAPS

SHEET:	REV:
A.01	0

THIS DOCUMENT HAS BEEN DRAWN BASED OFF THE MOST RECENT AVAILABLE DATA & AERIAL IMAGERY. THIS INCLUDES RIGHT OF WAY, EXISTING UTILITIES, & PRIVATE PROPERTY LINES. IT REMAINS THE RESPONSIBILITY OF OTHERS TO VERIFY ALL DATA PRIOR AND EXISTING SURRONDING FACILITIES TO VERIFY & CONFLICTS ABOVE & BELOW GRADE.
ALL CONSTRUCTION TO FOLLOW COUNTY OF NEW HANOVER GENERAL GUIDELINES. DO NOT SCALE DRAWINGS. CALL 811 PRIOR TO DIGGING.



1 POLE ELEVATION DETAIL
SCALE: 1:20

DESIGN NOTES

1. POLE AND FOUNDATIONS ARE DESIGNED IN ACCORDANCE WITH THE FOLLOWING CODES:
   1.1. 2009/2012/2015/2018/2021 INTERNATIONAL BUILDING CODE
   1.2. AASHTO LRFD SPECIFICATIONS FOR STRUCTURAL SUPPORT FOR HIGHWAY SIGNS, LUMIN, TRAFFIC SIGNALS, 2015 EDITION.
2. POLE ANALYSIS AND FOUNDATION DESIGN ARE BASED ON THE FOLLOWINGCRITERIA
   2.1. DESIGN WIND SPEED (Vult)): (SEE SECTION 2.6)
   2.2. RISK CATEGORY: II
   2.3. EXPOSURE CATEGORY: C
   2.4. TOPOGRAPHIC CATEGORY: 1
   2.5. SEISMIC DESIGN CRITERIA:
      2.5.1. SOIL SITE CLASS: D (ASSUMED)
      2.5.2. SPECTRAL RESPONSE, Ss: 1.000g (MAXIMUM)
      2.5.3. SPECTRAL RESPONSE, S1: 0.400G (MAXIMUM)
      2.5.4. SEISMIC DESIGN CATEGORY: B
   2.6. STRUCTURE BASE REACTIONS ARE CALCULATED AS FOLLOWS:

DESIGN WIND SPEED (MPH)	MOMENT (K-FT)	SHEAR (KIP)	AXIAL (KIP)
115	2.70	0.280	0.160
125	3.20	0.330	0.160
135 (MAX)	3.70	0.380	0.160

   2.7. SHOULD ANY OF THE SITE-SPECIFIC PARAMETERS BE HIGHER THAN WHAT IS NOTED ABOVE, THE EOR SHALL BE CONTACTED TO PROVIDE A REVISED DESIGN.
3. CONTRACTOR IS RESPONSIBLE FOR VERIFYING SOIL CONDITIONS PRIOR TO INSTALLATION.
4. FOUNDATION TO CONSIST OF CONCRETE SURROUNDING THE PROPSED POLE WITH A MINMUM OF 3,000-PSI COMPRESSIVE STRENGTH.

GENERAL & CONSTRUCTION NOTES

1. CONTRACTOR SHALL CONTACT DESIGNATED AGENCY TO LOCATE ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
2. CONTRACTOR SHALL APPLY AND OBTAIN AN APPROVED TRAFFIC CONTROL PLAN IN ACCORDANCE WITH MUTCD AND LOCAL JURISDICTION STANDARDS.
3. CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS TO ORIGINAL SITE CONDITION TO THE SATISFACTION OF STATE DEPARTMENT OF TRANSPORTATION AND LOCAL JURISDICTION.
4. ALL WORK SHALL CONFORM TO APPLICABLE ELECTRICAL CODES EXCEPT WHEN STATE DEPARTMENT OF TRANSPORTATION OR LOCAL JURISDICTION STANDARDS SUPERSEDE.
5. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH SPECIFICATIONS DEFINED BY THE STATE DEPARTMENT OF TRANSPORTATION OR LOCAL JURISDICTION, UNLESS SPECIFICALLY STATED OR SHOWN OTHERWISE HEREIN.

ADA COMPLIANCE NOTES

1. ALL SIDEWALK CONSTRUCTION SHALL BE IN ACCORDANCE WITH ADA TITLE II, STATE DEPARTMENT OF TRANSPORTATION, AND LOCAL JURISDICTION STANDARDS,
2. STATE DEPARTMENT OF TRANSPORTATION CURRENT EDITION STANDARDS SHALL BE USED FOR PEDESTRIAN CONTROL PLANS WHEN CLOSURE OF SIDEWALK IS REQUIRED FOR CONSTRUCTION.
3. MINIMUM CLEAR PEDESTRIAN ACCESS ROUTE (PAR) SHALL BE 48" WIDE.
4. NO OBSTRUCTION IS PERMITTED ALONG THE WIDTH OF THE SIDEWALK. UP TO AN ELEVATION OD 7'-0" ABOVE GRADE.

[THIS SPACE LEFT INTENTIONALLY BLANK FOR STAMP]

NEW HANOVER COUNTY SHERIFF'S OFFICE

230 GOVERNMENT CENTER DR,
WILMINGTON, NC 28403

flock safety

1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

REV	DATE	BY	DESCRIPTION
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
0	07/14/2025	MFR	PRELIM

I HEARBY CERTIFY THIS DOCUMENT WAS PREPARED BY MYSELF OR UNDER MY DIRECT SUPERVISION THAT I AM A DULY REGISTERED ENGINEER UNDER THE LAWS OF THE STATE OF NORTH CAROLINA.

[THIS SPACE LEFT INTENTIONALLY BLANK FOR STAMP]

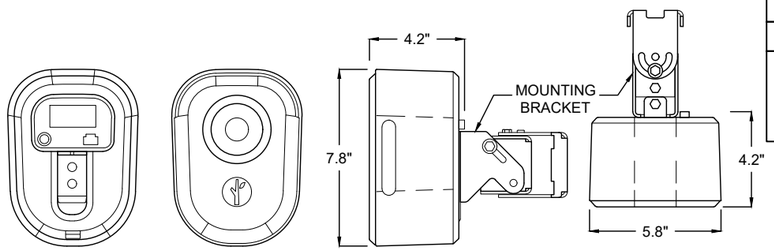
FLOCK SAFETY EQUIPMENT INSTALLATION

CASE NUMBER: 1122909
PERMITTING JURISDICTION:
COUNTY OF NEW HANOVER

COVER SHEET & LOCATION MAPS

SHEET:	REV:
SPEC.01	0

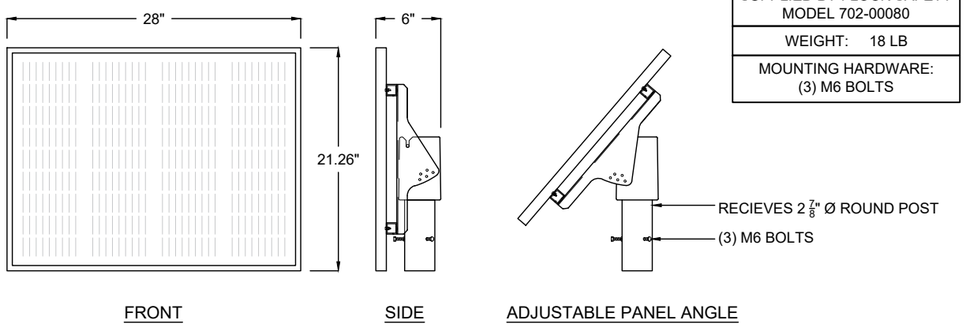
THIS DOCUMENT HAS BEEN DRAWN BASED OFF THE MOST RECENT AVAILABLE DATA & AERIAL IMAGERY. THIS INCLUDES RIGHT OF WAY, EXISTING UTILITIES, & PRIVATE PROPERTY LINES. IT REMAINS THE RESPONSIBILITY OF OTHERS TO VERIFY ALL DATA PRIOR AND EXISTING SURRONDING FACILITIES TO VERIFY & CONFLICTS ABOVE & BELOW GRADE.
ALL CONSTRUCTION TO FOLLOW COUNTY OF NEW HANOVER GENERAL GUIDELINES. DO NOT SCALE DRAWINGS. CALL 811 PRIOR TO DIGGING.



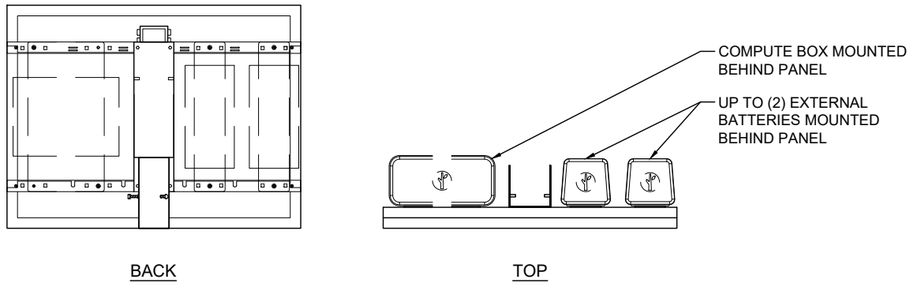
SUPPLIED BY FLOCK SAFETY MODEL 706-0002
WEIGHT: 3.5 LB
MOUNTING HARDWARE: MCMASTER-CARR QUICK-RELEASE CLAMP PART #: 5322K58 OR AN APPROVED EQUIVALENT

1 FLOCK SAFETY CAMERA

SCALE: N/A

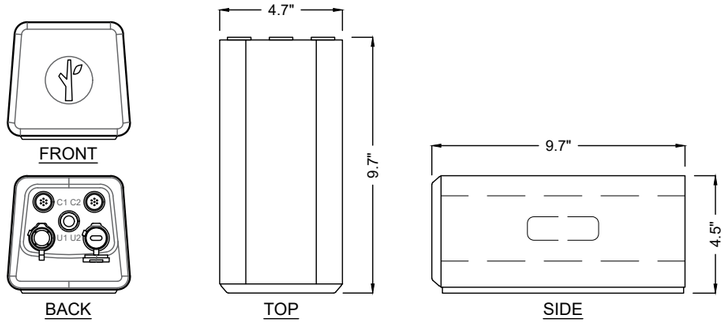


SUPPLIED BY FLOCK SAFETY MODEL 702-00080
WEIGHT: 18 LB
MOUNTING HARDWARE: (3) M6 BOLTS



2 65 WATT SOLAR PANEL AND MOUNT ASSEMBLY (TOP MOUNTED)

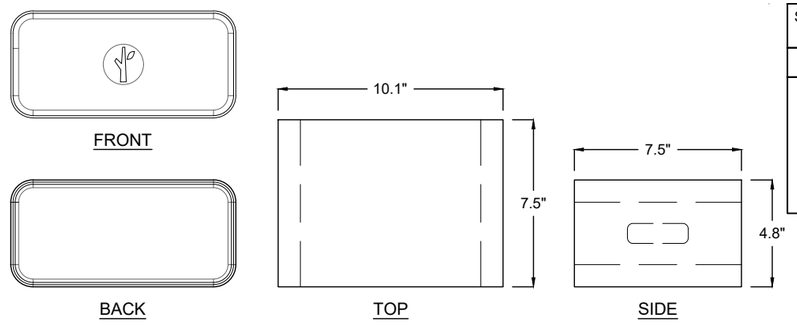
SCALE: N/A



SUPPLIED BY FLOCK SAFETY MODEL 705-0002
WEIGHT: 5.9 LB
MOUNTING HARDWARE: FLOCK MOUNTING BRACKET MODEL 204-00101 MCMASTER-CARR QUICK-RELEASE CLAMP PART #: 5322K58 OR AN APPROVED EQUIVALENT

3 FLOCK EXTERNAL BATTERY

SCALE: N/A



SUPPLIED BY FLOCK SAFETY MODEL 705-0002
WEIGHT: 4.6 LB
MOUNTING HARDWARE: FLOCK MOUNTING BRACKET MODEL 204-00102 MCMASTER-CARR QUICK-RELEASE CLAMP PART #: 5322K58 OR AN APPROVED EQUIVALENT

4 FLOCK COMPUTE BOX

SCALE: N/A

[THIS SPACE LEFT INTENTIONALLY BLANK FOR STAMP]

NEW HANOVER COUNTY SHERIFF'S OFFICE

230 GOVERNMENT CENTER DR,
WILMINGTON, NC 28403

flock safety

1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

REV	DATE	BY	DESCRIPTION
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
0	07/14/2025	MFR	PRELIM

I HEARBY CERTIFY THIS DOCUMENT WAS PREPARED BY MYSELF OR UNDER MY DIRECT SUPERVISION THAT I AM A DULY REGISTERED ENGINEER UNDER THE LAWS OF THE STATE OF NORTH CAROLINA.

[THIS SPACE LEFT INTENTIONALLY BLANK FOR STAMP]

FLOCK SAFETY EQUIPMENT INSTALLATION

CASE NUMBER: 1122909
PERMITTING JURISDICTION:
COUNTY OF NEW HANOVER

COVER SHEET & LOCATION MAPS

SHEET:	REV:
SPEC.02	0

THIS DOCUMENT HAS BEEN DRAWN BASED OFF THE MOST RECENT AVAILABLE DATA & AERIAL IMAGERY. THIS INCLUDES RIGHT OF WAY, EXISTING UTILITIES, & PRIVATE PROPERTY LINES. IT REMAINS THE RESPONSIBILITY OF OTHERS TO VERIFY ALL DATA PRIOR AND EXISTING SURRONDING FACILITIES TO VERIFY & CONFLICTS ABOVE & BELOW GRADE.
ALL CONSTRUCTION TO FOLLOW COUNTY OF NEW HANOVER GENERAL GUIDELINES. DO NOT SCALE DRAWINGS. CALL 811 PRIOR TO DIGGING.

ITEM NO.	DESCRIPTION	QTY.
1	2.5" SCH 40 2.875OD 74.000L	1
2	2.5 SCH 40 2.875OD 106.000L	1
3	BUT TORX 0.250-20 TAMPER-RESISTANT	6
4	INSERT SLEEVE STYLE 7 TAPPED	1
5	ORING	1
6	WASHER	6
7	CONCRETE FOOTING	1
8	HBOLT 0.2500-20	1

PROVELI STYLE 7 COUPLER ASSEMBLY

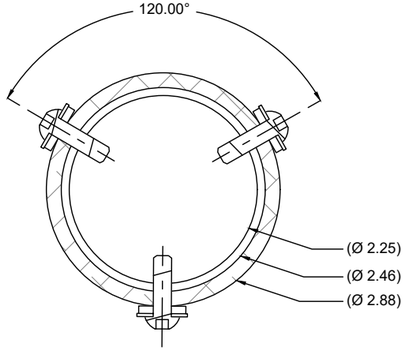
PART #: 1020-01

MATERIAL: ALUMINUM

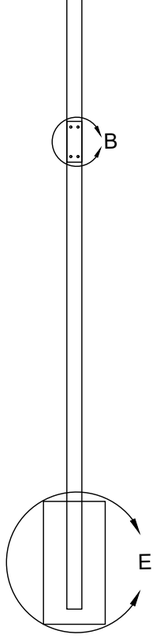
WEIGHT: 170.42 LBS

DATE: 09/27/2023

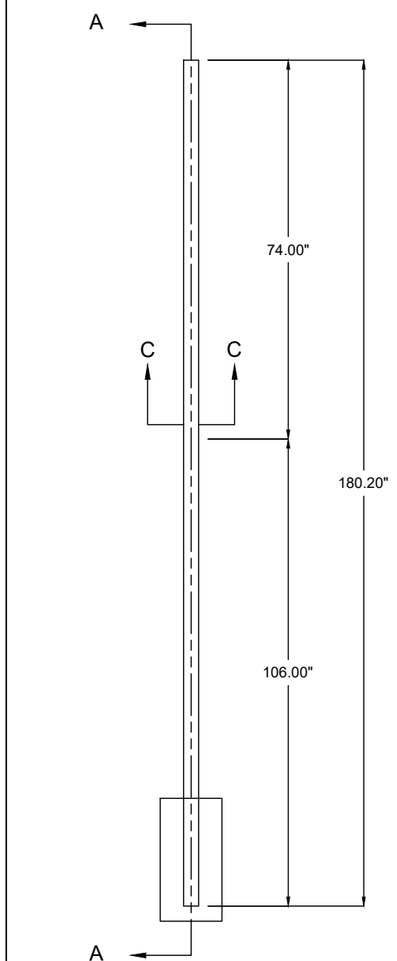
DO NOT SCALE DRAWINGS (NTS)

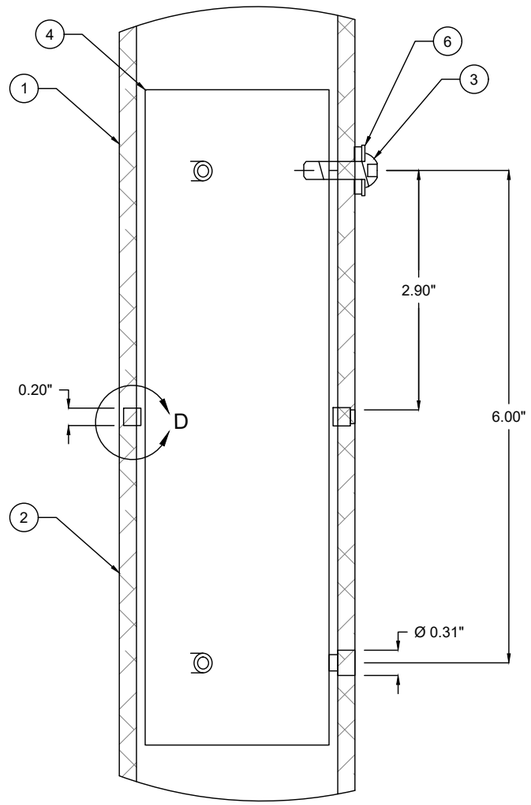


SECTION C-C

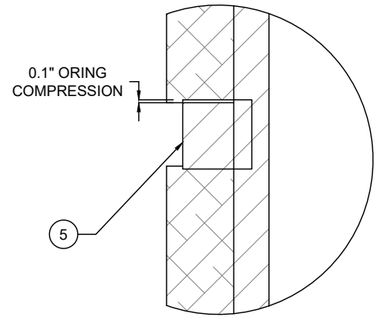


SECTION A-A

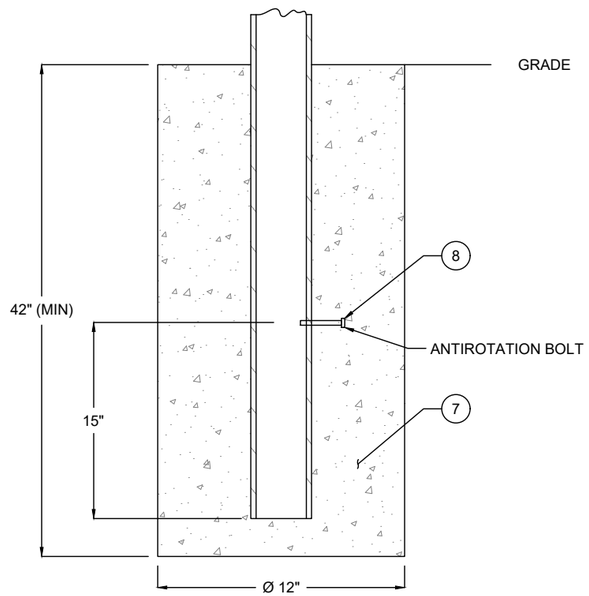




DETAIL B



DETAIL D



DETAIL E

NOTE: CONCRETE SHALL HAVE A MINMUM COMPRESIVE STRENGTH OF 3,000 PSI.

[THIS SPACE LEFT INTENTIONALLY BLANK FOR STAMP]

NEW HANOVER COUNTY SHERIFF'S OFFICE

230 GOVERNMENT CENTER DR,
WILMINGTON, NC 28403

flock safety

1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

REV	DATE	BY	DESCRIPTION
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
0	07/14/2025	MFR	PRELIM

I HEARBY CERTIFY THIS DOCUMENT WAS PREPARED BY MYSELF OR UNDER MY DIRECT SUPERVISION THAT I AM A DULY REGISTERED ENGINEER UNDER THE LAWS OF THE STATE OF NORTH CAROLINA.

[THIS SPACE LEFT INTENTIONALLY BLANK FOR STAMP]

FLOCK SAFETY EQUIPMENT INSTALLATION

CASE NUMBER: 1122909
PERMITTING JURISDICTION:
COUNTY OF NEW HANOVER

COVER SHEET & LOCATION MAPS

SHEET:	REV:
SPEC.03	0

THIS DOCUMENT HAS BEEN DRAWN BASED OFF THE MOST RECENT AVAILABLE DATA & AERIAL IMAGERY. THIS INCLUDES RIGHT OF WAY, EXISTING UTILITIES, & PRIVATE PROPERTY LINES. IT REMAINS THE RESPONSIBILITY OF OTHERS TO VERIFY ALL DATA PRIOR AND EXISTING SURRONDING FACILITIES TO VERIFY & CONFLICTS ABOVE & BELOW GRADE.
ALL CONSTRUCTION TO FOLLOW COUNTY OF NEW HANOVER GENERAL GUIDELINES. DO NOT SCALE DRAWINGS. CALL 811 PRIOR TO DIGGING.

GENERAL TCP NOTES & TABLES

GENERAL NOTES

1. ALL WORK AND MATERIALS SHALL COMPLY WITH THE LATEST EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND COUNTY OF NEW HANOVER STANDARDS.
2. ALL STRIPING AND MARKINGS SHALL CONFORM TO THE STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION STANDARD PLANS AND STANDARD SPECIFICATIONS.
3. TRAFFIC CONES SHALL NOT INTERFERE WITH EXISTING DRIVEWAYS, SCHOOL ZONES, OR BUS STOPS.
4. ALL TEMPORARY TRAVEL LANES SHALL BE A MINIMUM OF 10' WIDE.
5. FLASHING YELLOW BEACONS, TYPE "B", SHALL BE USED ON ALL W20-1 SIGNS AND ON ALL TYPE III BARRICADES GUARDING THE WORK OVERNIGHT.
6. ALL SIGNS SHALL BE REFLECTORIZED AND STANDARD SIZE.
7. ALL TUBULAR DELINEATORS AND CONES SHALL BE 28" MINIMUM HEIGHT, REFLECTORIZED AND MAINTAINED ERECT IN THE INDICATED POSITION AT ALL TIMES, AND SHALL BE REPAIRED, REPLACED, OR CLEANED AS NECESSARY TO PRESERVE THEIR APPEARANCE AND CONTINUITY, AND SHALL INCLUDE A 12" HIGH-INTENSITY REFLECTORIZED SLEEVE..
8. THE CONTRACTOR SHALL MAINTAIN, ON A CONTINUOUS BASIS, ALL SIGNS, DELINEATORS, BARRICADES, ETC., TO ENSURE PROPER FLOW AND SAFETY OF TRAFFIC DURING CONSTRUCTION.
9. THE CONTRACTOR SHALL HAVE SIGNS, DELINEATORS, BARRICADES, ETC., PROPERLY INSTALLED PRIOR TO COMMENCING CONSTRUCTION.
10. CONSTRUCTION OPERATIONS SHALL BE CONDUCTED IN SUCH A MANNER AS TO CAUSE AS LITTLE INCONVENIENCE AS POSSIBLE TO ABUTTING PROPERTY OWNERS.
11. ADDITIONAL TRAFFIC CONTROLS, TRAFFIC SIGNS OR BARRICADING MAY BE REQUIRED IN THE FIELD. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PLACEMENT OF ANY ADDITIONAL DEVICES NECESSARY TO ASSURE THE SAFETY TO THE PUBLIC AT ALL TIMES DURING CONSTRUCTION.
12. SIDEWALK CLOSED SIGNS ARE TO BE PRESENT ANYTIME A PEDESTRIAN WALKWAY IS CLOSED.
13. WHERE IT HAS BEEN DETERMINED THAT THE ACCOMMODATION OF PEDESTRIANS WITH DISABILITIES IS NECESSARY, SIGNS SHALL BE MOUNTED AND PLACED IN ACCORDANCE WITH SECTION 4.4 OF THE “AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES (ADAAG)"
14. EXACT LOCATION AND TYPE OF CONSTRUCTION SIGNS SHALL BE DIRECTED BY THE CONTRACTOR BASED UPON CONSTRUCTION CONDITIONS.
15. MOVE DELINEATORS AND/OR CONES TO SIDEWALK DURING NON-WORKING HOURS. REMOVE BARRICADES ETC., FROM TRAVEL LANE.
16. REMOVE OR TURN OFF SIGNS DURING NON-WORKING HOURS.
17. ALL CONFLICTING LINES, EXISTING CURB PAINT, AND MARKINGS SHALL BE REMOVED BY WET SANDBLASTING OR OTHER APPROVED METHOD PRIOR TO INSTALLATION OF NEW/TEMPORARY STRIPING. ALL CONFLICTING RAISED PAVEMENT MARKERS SHALL BE REMOVED. PAVEMENT THAT IS DAMAGED DUE TO REMOVAL OF MARKERS SHALL BE REPAIRED TO THE SATISFACTION OF THE CITY ENGINEER AND/OR STATE INSPECTOR.
18. DIMENSIONS BASED ON RECORD DRAWINGS AND NOT A SURVEY.
19. TIME OF LANE CLOSURE TO BE IN ACCORDANCE WITH REQUIREMENTS OF JURISDICTION.
20. ADDITIONAL ADVANCED FLAGGERS MAY BE REQUIRED. FLAGGER SHOULD STAND IN A CONSPICUOUS PLACE, BE VISIBLE TO APPROACHING TRAFFIC. PLACE A MINIMUM OF FOUR CONES AT 40-FT INTERVAL IN ADVANCE OF FLAGGER STATION AS SHOWN.
21. TABLES AND SIGNAGE DISPLAYED SHALL COMPLY WITH THE LATEST EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) CHAPTER 6.

TABLE 6B-1. RECOMMENDED ADVANCE WARNING SIGN MINIMUM SPACING

ROAD TYPE	DISTANCE BETWEEN SIGNS** (FT)		
	A	B	C
URBAN (LOW SPEED)*	100	100	100
URBAN (HIGH SPEED)*	350	350	350
RURAL	500	500	500
EXPRESSWAY/FREEWAY	1000	1500	2640

* SPEED CATEGORY TO BE DETERMINED BY THE HIGHWAY AGENCY OR OWNER OF SITE ROADWAYS OPEN TO PUBLIC TRAVEL.

** THE COLUMN HEADINGS A, B, AND C ARE THE DIMENSIONS SHOWN IN FIGURES 6P_1 THROUGH 6P_54 THE A DIMENSION IS THE DISTANCE FROM THE TRANSITION OR POINT OF RESTRICTION TO THE FIRST SIGN. THE B DIMENSION IS THE DISTANCE BETWEEN THE FIRST AND SECOND SIGNS. THE C DIMENSION IS THE DISTANCE BETWEEN THE SECOND AND THIRD SIGNS. (THE "FIRST SIGN" IS THE SIGN IN A THREE_SIGN SERIES THAT IS CLOSEST TO THE TTC ZONE. THE "THIRD SIGN" IS THE SIGN THAT IS FURTHEST UPSTREAM FROM THE TTC ZONE.)

TABLE 6B-2. STOPPING SIGHT DISTANCE AS A FUNCITON OF SPEED

SPEED* (MPH)	DISTANCE (FT)
20	115
25	155
30	200
35	250
40	305
45	360
50	425
55	495
60	570
65	645
70	730
75	820

* POSTED SPEED, OFF_PEAK 85TH_PERCENTILE SPEED PRIOR TO WORK STARTING, OR THE ANTICIPATED OPERATING SPEED

TABLE 6B-3. TAPER LENGTH CRITERIA FOR TEMPORARY TRAFFIC CONTROL ZONES

TYPE OF TAPER	TAPER LENGTH
MERGING TAPER	AT LEAST L
SHIFTING TAPER	AT LEAST 0.5 L
SHOULDER TAPER	AT LEAST 0.33 L
ONE-LANE, TWO-WAY TRAFFIC TAPER	50 FT MINIMUM, 100 FT MAXIMUM
DOWNSTREAM TAPER	50 FT MINIMUM, 100 FT MAXIMUM

NOTE: USE TABLE 6B-4 TO CALCULATE L

TABLE 6B-4. FORMULAS FOR DETERMINING TAPER LENGTH

SPEED (S)	TAPER LENGTH (L) IN FT
40 MPH OR LESS	$L = \frac{WS^2}{60}$
45 MPH OR MORE	L = WS

WHERE: L = TAPER LENGTH IN FT
W = WIDTH OF OFFSET IN FT
S = POSTED SPEED LIMIT, OR OFF-PEAK 85TH-PERCENTILE SPEED PRIOR TO WORK STARTING, OR THE ANTICIPATED OPERATING SPEED IN MPH

[THIS SPACE LEFT INTENTIONALLY BLANK FOR STAMP]

LICENSE PLATE READER CAMERA INSTALLATION

CASE NUMBER: 1122909
PERMITTING JURISDICTION:
COUNTY OF NEW HANOVER

flock safety

1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

[THIS SPACE LEFT INTENTIONALLY BLANK FOR STAMP]

REV	DATE	BY	DESCRIPTION
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
0	07/14/2025	MFR	PRELIM

I HEARBY CERTIFY THIS DOCUMENT WAS PREPARED BY MYSELF OR UNDER MY DIRECT SUPERVISION THAT I AM A DULY REGISTERED ENGINEER UNDER THE LAWS OF THE STATE OF NORTH CAROLINA.

NEW HANOVER COUNTY SHERIFF'S OFFICE

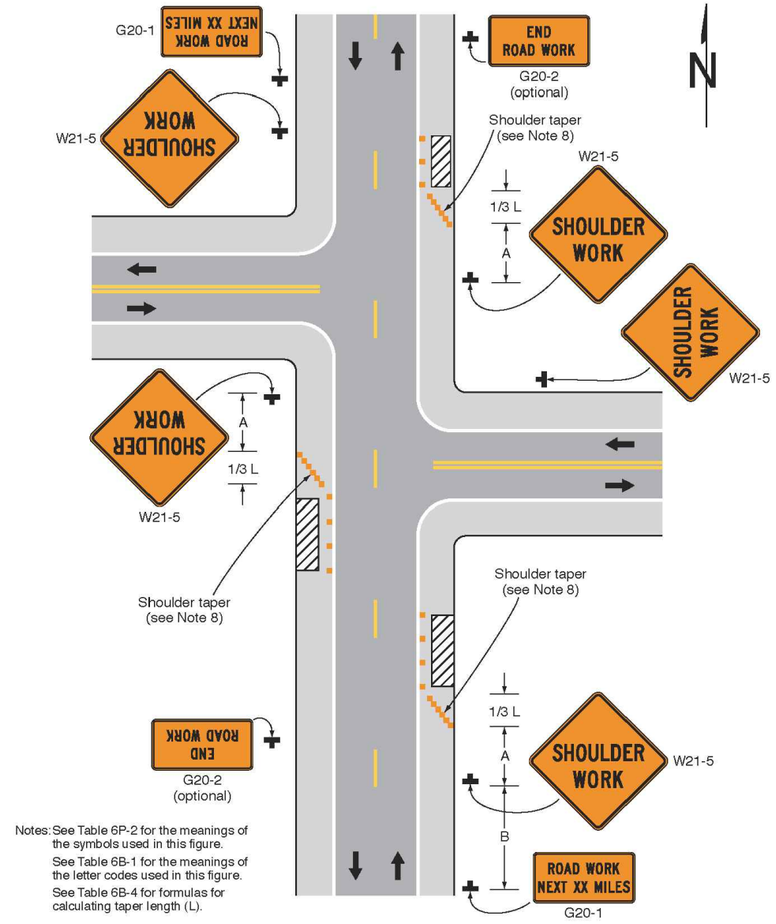
230 GOVERNMENT CENTER DR,
WILMINGTON, NC 28403

COVER SHEET & LOCATION MAPS

SHEET:	REV:
TCP-GN.01	0

THIS DOCUMENT HAS BEEN DRAWN BASED OFF THE MOST RECENT AVAILABLE DATA & AERIAL IMAGERY. THIS INCLUDES RIGHT OF WAY, EXISTING UTILITIES, & PRIVATE PROPERTY LINES. IT REMAINS THE RESPONSIBILITY OF OTHERS TO VERIFY ALL DATA PRIOR AND EXISTING SURRONDING FACILITIES TO VERIFY & CONFLICTS ABOVE & BELOW GRADE. ALL CONSTRUCTION TO FOLLOW COUNTY OF NEW HANOVER GENERAL GUIDELINES.
DO NOT SCALE DRAWINGS. CALL 811 PRIOR TO DIGGING.

Figure 6P-3. Work on the Shoulders (TA-3)



Notes: See Table 6P-2 for the meanings of the symbols used in this figure.
See Table 6B-1 for the meanings of the letter codes used in this figure.
See Table 6B-4 for formulas for calculating taper length (L).

Typical Application 3

[THIS SPACE LEFT INTENTIONALLY BLANK FOR STAMP]

LICENSE PLATE READER CAMERA INSTALLATION

CASE NUMBER: 1122909
PERMITTING JURISDICTION: COUNTY OF NEW HANOVER

flock safety

1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

[THIS SPACE LEFT INTENTIONALLY BLANK FOR STAMP]

REV	DATE	BY	DESCRIPTION
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
0	07/14/2025	MFR	PRELIM

I HEARBY CERTIFY THIS DOCUMENT WAS PREPARED BY MYSELF OR UNDER MY DIRECT SUPERVISION THAT I AM A DULY REGISTERED ENGINEER UNDER THE LAWS OF THE STATE OF NORTH CAROLINA.

NEW HANOVER COUNTY SHERIFF'S OFFICE

230 GOVERNMENT CENTER DR, WILMINGTON, NC 28403

COVER SHEET & LOCATION MAPS

SHEET:	REV:
TCP.01	0

THIS DOCUMENT HAS BEEN DRAWN BASED OFF THE MOST RECENT AVAILABLE DATA & AERIAL IMAGERY. THIS INCLUDES RIGHT OF WAY, EXISTING UTILITIES, & PRIVATE PROPERTY LINES. IT REMAINS THE RESPONSIBILITY OF OTHERS TO VERIFY ALL DATA PRIOR AND EXISTING SURRONDING FACILITIES TO VERIFY & CONFLICTS ABOVE & BELOW GRADE. ALL CONSTRUCTION TO FOLLOW COUNTY OF NEW HANOVER GENERAL GUIDELINES. DO NOT SCALE DRAWINGS. CALL 811 PRIOR TO DIGGING.